



Fire Protection Training

Procedures Handbook 4300

STATION OPERATIONS

TOPIC: Garage, Shop, and Fueling Areas

TIME FRAME: :30

LEVEL OF INSTRUCTION: Level I

BEHAVIORAL OBJECTIVE:

Condition: A written or oral quiz

Behavior: The student will identify the safety hazards commonly found in garages, shops, and fuel storage areas

Standard: With a minimum of 80% accuracy

MATERIALS NEEDED:

- None

REFERENCES:

- CAL FIRE Health and Safety Procedures Handbook (1700)

PREPARATION: Garages, shops, and fueling areas contain volatile fuels and vapors. In addition, working around the various equipment and vehicles exposes you to a variety of serious hazards. Working safely in these areas requires that you be constantly alert.



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GARAGE, SHOP, AND FUELING AREAS

I. GARAGE/APPARATUS BAY

A. Working Under Vehicle

This portion of the class should be held in the garage area

1. Chock vehicle and remove ignition key
2. Use jack stands (not just a jack)
3. Close all doors and compartment doors
4. Use eye protection
5. Use bump cap
6. Pick up creeper and store vertically when not in use (even for a few seconds)
7. Use gloves if working near hot exhaust pipes, mufflers, radiators, etc.

II. SHOP AREA

A. Tools/Equipment

1. Keep clean
2. Use proper tool
3. Don't use damaged or worn tool(s)
4. Use all provided safety items
 - a. Guards on grinders, etc.
 - b. Ear, hand and eye protection as needed

Instructor to cite some examples of damaged tools. Loose handles, damaged-frayed cords, dull blades, etc.

B. Storage

1. Heavy objects stored low
2. Plywood on edge
3. Tires - vertical at floor level
4. Secure overhead storage areas



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5. Identify low headroom areas

III. FUELING AREA

- A. Turn off engine before fueling
- B. No smoking
- C. Wipe up any spilled fuel immediately to prevent slipping

IV. GENERAL

- A. "Mark-Out" or "Tag-Out" electrical switches or equipment as "out of service" and have them repaired promptly
- B. Wipe up any spilled oil, grease, etc., immediately to avoid slip and fall type injuries
- C. Do not use gasoline for cleaning

What is the danger in using gasoline for cleaning?

1. Using gasoline may produce explosive vapors
2. Use approved safety cleaner
- D. Keep hands away from pulleys or belts
 1. Especially on self-starting equipment
- E. Store oily or greasy rags in an approved metal container
- F. No smoking in areas where fuels, solvents or batteries are stored or used
- G. Know locations of fire extinguishers and other fire protection devices

Note: Location of portable fire extinguishers may vary from worksite to worksite

- H. Use hand and eye protection as required
- I. Stay clear of overhead doors, when being opened and closed
- J. Open solid doors slowly to minimize potential for injuring co-workers



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SUMMARY:

Good housekeeping habits and the ability to recognize potential hazards is the key to avoiding accidents in garages, shops, and fueling areas. It is not only the supervisor's responsibility to provide a safe working environment; it is also the employee's duty to maintain it.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).